

AMENDMENTS TO THE ABSTRACT

Please cancel the Abstract section of the specification and replace with the following:

An electrical circuit in a communications channel includes a first sub-circuit having a first input which receives a composite signal that includes a transmission signal component and a receive signal component, a second input which receives a replica transmission signal, a third input which receives an analog baseline correction current, and an output which provides a receive signal which comprises the composite signal minus the replica signal. A second sub-circuit for controls the analog baseline correction current, so that the magnitude of the composite signal does not exceed a predetermined value of an operating parameter of the electrical circuit. The composite signal, the replica transmission signal, and the analog baseline correction current are directly connected together at a common node of the first sub-circuit.